

# 4\*10/100/1000Mbps PoE Switch

ND-HPG0421



## FEATURES



- 4\*10/100/1000Mbps PoE ports, 2\*10/100/1000Mbps uplink port, 1\*1000Mbps SFP Slot
- Support IEEE802.3af/at
- Support restrain network storm, VLAN function
- Support Max Transmission distance up to 250m(10Mbps)
- All port supported by MDI/MDIX auto flip and self-negotiation
- Built-in power supply
- Maximum power of single PoE port: 30 W
- Whole machine power: 78W
- Adopts store-and-forward architecture
- Fanless, natural cooling, small,compact and quiet design, suitable for desktop or wall
- Support lightning protection 4KV

Newbridge®ND-HPG0421 series PoE switch is designed by NEWBRIDGE for meeting the demand of PoE power supply. It adopts the latest high-speed Ethernet switching chip and ultra-high backplane bandwidth design, with extremely fast data processing capability to improve smooth data transmission performance. It has 4 PoE-powered RJ45 ports, 2 RJ45 uplink ports and 1 independent SFP expansion slot. All of four RJ45 ports support IEEE 802.3af/at standard , with a maximum power supply of 30W for a single port and 78W for the whole machine, which can automatically detect and identify the powered devices that comply with IEEE 802.3af/at standard and supply power for the priority mechanism through the network cable.

With simple and convenient installation and maintenance means and rich service features, it helps users to build a safe and reliable high-performance network. It is mainly positioned at the core or convergence layer of user networks such as industrial parks, buildings, factories and mines, government agencies, and community broadband; it can be widely used in Ethernet access scenarios such as SMEs, Internet cafes, hotels, and schools.

## Specifications

Item		Description	
Power	Power Adapter Voltage	AC 110V-240V	
	Consumption	78W(52V 1.54A)	
Network Connector	Network Port	PoE Ethernet Port	1~4 Port : 10/100/1000Mbps
		Ethernet port	Uplink Port : 10/100/1000Mbps
		SFP Port	SFP Port: 1000Mbps
	Transmission Distance	1~4 Port : 100/1000Mbps:0~100m 10Mbps:250m Uplink Port : 0 ~ 100m SFP: depends on the optical module(20km...100km)	



Shenzhen Newbridge Communication Equipment CO.,LTD.

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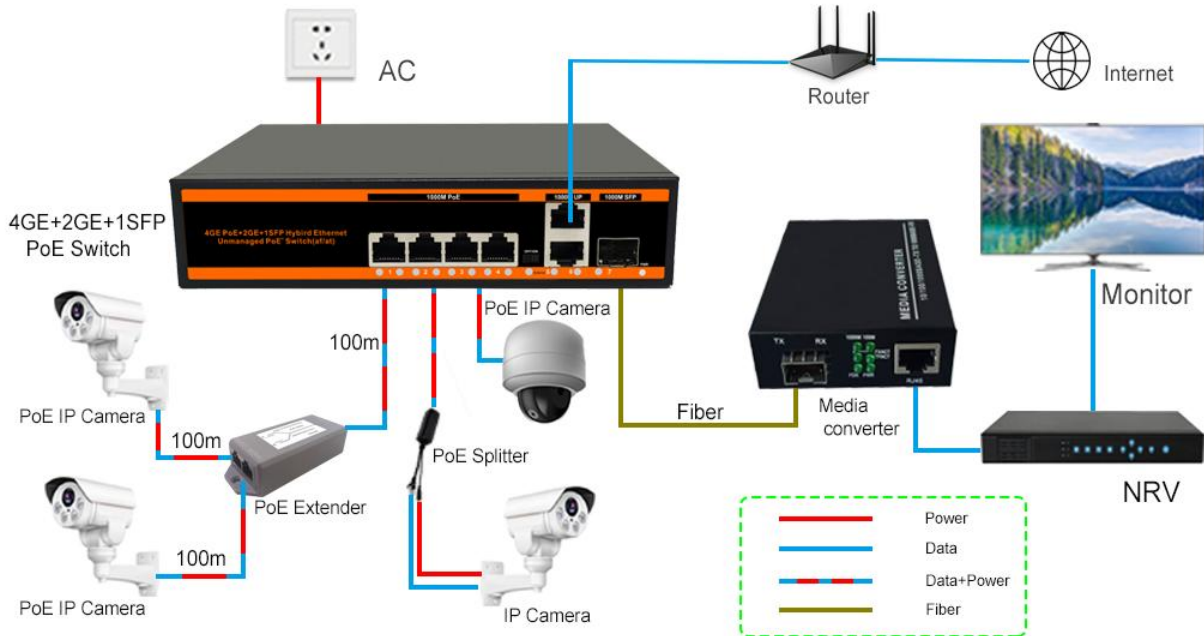
	Transmission Medium	Cat5/5e/6 standard network cable
Network Switch	Network Standard	IEEE802.3/802.3u, IEEE802.3x,IEEE802.ab
	Switching Capacity	14Gbps
	Packet buffer memory	1Mbits
	Throughput	10.416Mpps
	MAC Table	2K
	Paket Forwarding Rate	10Mbps:14880pps/port 100Mbps:148800pps/port 1000Mbps:1488000pps/port
Power Over Ethernet	PoE Standard	IEEE 802.3af/at
	PoE Power Supply	1/2/3/6+;4/5/7/8-; 8 core power supply
	PoE Power	af=15.4W,at=30W
RJ45 port	Port Function	Power priority mechanism, fast and forward, MAC automatic learning and aging IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode
LED Indicator	LED Indicator	LINK/ACT.100Mbps;PoE Status Indicator; Power indicator;Extender
Environmental	Working temperature	0℃~55℃
	Relative Humidity	20~95%
	Storage temperature	-20℃~70℃
Mechanical	Dimension (L×W×H)	220mm*140mm*45mm
	Color	Black
	Weight	0.79kg

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## Application



## Order Information

Part No	Description of product	Unit
ND-HPG0421	7 ports switch with 4*10/100M/1000M bit PoE ports, 2*10/100/1000M Uplink Port and 1*1000Mbps SFP Slot, PoE Standard: IEEE 802.3af/at, PoE data & power transmission distance 100meters(100/1000Mbps), 250meters (10Mbps) 78W power supply.	pc